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10MCA24

Second Semester MCA Degree Examination, December 2012
Management Information Systems

Time: 3 hrs.

Max. Marks:100

Note: Answer any FIVE full questions.

- 1 a. Draw the generalized model of a system with brief explanation. (05 Marks)
b. What are different types of systems, illustrate with examples. (05 Marks)
c. List and explain the steps in system analysis and design. (10 Marks)
- 2 a. Information can be classified in a number of ways. Provide a better understanding. (05 Marks)
b. What are methods of data and information collection with examples? (10 Marks)
c. MIS creates an impact on the organization, explain. (05 Marks)
- 3 a. With figure, explain the organization as a system. (05 Marks)
b. Corporate business plan has five dimensions, list and explain. (05 Marks)
c. To keep the business organization in a good shape and condition there is essentiality of strategic planning. Give reasons. (10 Marks)
- 4 a. There are four methods of determining the information requirements. List and explain. (05 Marks)
b. Bring the difference between prototyping approach and life cycle approach (five points only) of development of MIS. (05 Marks)
c. List the features contributing to success and failures of MIS. (10 Marks)
- 5 a. What is business process re-engineering? Why it is required? (05 Marks)
b. What are the different levels of processing required to meet the information needs. Briefly explain about them. (10 Marks)
c. Explain in brief about TQM. (05 Marks)
- 6 a. List and explain the problems in making rational decisions. (05 Marks)
b. What are various types of decision support systems? (05 Marks)
c. Define database management system. What are the advantages of using DBMS approach? (10 Marks)
- 7 a. Explain: i) ERP system ii) SCM. (10 Marks)
b. Explain: i) E-Business ii) E-commerce. (10 Marks)
- 8 Explain in brief:
a. Client Server Architecture
b. Characteristics of E-Business
c. Models of E-commerce
d. Web components (20 Marks)

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Important Note : 1. On completing your answers, compulsorily draw diagonal cross lines on the remaining blank pages.
2. Any revealing of identification, appeal to evaluator and/or equations written eg, $42+8=50$, will be treated as malpractice.